

SC-186  
Issue 14  
“certified navigation center”  
ADS-B MASPS  
Revision A

# Why

- Common navigation reference point
  - ◆ Ref. DO-260
- At least one avionics manufacturer has already defined points for navigation
- DO-242
  - ◆ Appropriate to specified accuracy requirements
- Supported CONOPS potentially testable in OpEval & simulation events

# Why

- Surface movement operations
  - ◆ Runway incursion reduction
  - ◆ CDTI positioning
  - ◆ Ramp management
  - ◆ LAHSO
- Antenna positioning solution
  - ◆ Inconsistent
  - ◆ Ambiguous
- Supports make/model symbology
- Provides ADS-B consistency

# How Derived

- Several candidates exist (L. Etnyre)
- Easily Computed
- Consistent point selected by type
- Can be equated to aircraft icon classes

# Summary

- Near term terminal and surface operations provide the impetus to develop message set